SCOTT THOMPSON
EXECUTIVE DIRECTOR

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

MARY FALLIN
GOVERNOR

August 20, 2014

(b) (6)
[redacted]

Dear Mr (b) (6)
[redacted]

The Oklahoma Department of Environmental Quality (DEQ) sampled water from your house well on June 26, 2014 as part of a reoccurring sampling event that will be performed approximately every three months. DEQ has offered this sampling to residents that live on, or adjacent to the Wilcox Oil Company Superfund Site. You are receiving this letter because you have provided DEQ permission to enter your property and collect a water sample from your well.

DEQ sampled for three types of contaminants that can be found on historical refinery locations. Those are: Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs) and Metals.

The first page of the sampling data is for VOCs. Results of the sampling are located in the Results column. The "<" symbol indicates that the substance was not detected in the sample. The next three pages are for SVOCs, and the last page for Metals. The "<" symbol in the Qualifier column indicates that the substance was not detected. No VOC or SVOC chemicals were detected in the water sample from your well. Several metals were detected at normal levels and are not considered to be a health risk.

The purpose of this sampling event was not to fully define the extent or type of contamination that may be present on the Wilcox Site. All potential health risks from the Site are unknown at this time. Further soil, sediment, surface water and ground water testing will be required in the future to determine how best to clean up the Wilcox Site.

If you have questions about this letter or the sampling data, do not hesitate to call me at (405) 702-5136. Please contact Bart Canellas with the U.S. Environmental Protection Agency at (214) 665-6662 with any questions about the EPA Superfund process or plans for the Wilcox Site.

Sincerely,

W. Todd Downham

Todd Downham
Project Manager, Wilcox Oil Company Superfund Site
Land Protection Division
Oklahoma Department of Environmental Quality

c. Bart Canellas, U.S. EPA Dallas

9828949

State Environmental Laboratory Services Division
EPA DRINKING WATER CERTIFICATION #OK00013

General Inquiries: 1-866-412-3057

SAMPLE INFORMATION

Sample Number: 045614.007
Description: WR-7
Sample Address: (b) (6) [redacted]

Collected By: TD
Collected: 6/26/14 12:15 pm
Received: 6/27/14 9:27 am

TEST RESULTS

Analysis: Volatile Organic Compounds **Analysis Method:** EPA 524.3

Component Name	Result	Unit	Qualifiers	Analyst	Analysis Date
1,1,1-Trichloroethane	<0.5	µg/L		OFP	7/1/14
1,1,2-Trichloroethane	<0.5	µg/L		OFP	7/1/14
1,1-Dichloroethene	<0.5	µg/L		OFP	7/1/14
1,2,4-Trichlorobenzene	<0.5	µg/L		OFP	7/1/14
1,2-Dichlorobenzene	<0.5	µg/L		OFP	7/1/14
1,2-Dichloroethane	<0.5	µg/L		OFP	7/1/14
1,2-Dichloropropane	<0.5	µg/L		OFP	7/1/14
1,4-Dichlorobenzene	<0.5	µg/L		OFP	7/1/14
Benzene	<0.5	µg/L		OFP	7/1/14
Carbon Tetrachloride	<0.5	µg/L		OFP	7/1/14
Chlorobenzene	<0.5	µg/L		OFP	7/1/14
cis-1,2-Dichloroethene	<0.5	µg/L		OFP	7/1/14
Ethylbenzene	<0.5	µg/L		OFP	7/1/14
Methyl tert-Butyl Ether (MtBE)	<0.5	µg/L		OFP	7/1/14
Methylene Chloride	<0.5	µg/L		OFP	7/1/14
Styrene	<0.5	µg/L		OFP	7/1/14
Tetrachloroethene	<0.5	µg/L		OFP	7/1/14
Toluene	<0.5	µg/L		OFP	7/1/14
trans-1,2-Dichloroethene	<0.5	µg/L		OFP	7/1/14
Trichloroethene	<0.5	µg/L		OFP	7/1/14
Vinyl Chloride	<0.5	µg/L		OFP	7/1/14
Xylenes	<0.5	µg/L		OFP	7/1/14

Sample Number: 538359
Project Code: SW-WE
Agency Number:
Date Collected: 6/26/2014
Time Collected: 1215
Date Received: 6/27/2014
Date Completed: 07/07/2014
Collected By: TD
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/7/2014

To: TODD DOWNHAM/LPD

CC: FILE COPY

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-866-412-3057
or selsd@deq.ok.gov

Report of Analysis by GCMS

EPA Drinking Water Certification #OK00013

Name	Qualifier		Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab:			0.90		07/03/14		
Acenaphthylene		<	18.8	UG/L	07/03/14	8270DM	
Acenaphthene		<	18.8	UG/L	07/03/14	8270DM	
Anthracene		<	18.8	UG/L	07/03/14	8270DM	
Benzo(b)fluoranthene		<	18.8	UG/L	07/03/14	8270DM	
Benzo(k)fluoranthene		<	18.8	UG/L	07/03/14	8270DM	
Benzo(a)pyrene		<	18.8	UG/L	07/03/14	8270DM	
Bis(2-chloroethyl)ether		<	18.8	UG/L	07/03/14	8270DM	
Bis(2-chloroethoxy)methane		<	18.8	UG/L	07/03/14	8270DM	
Bis(2-chloroisopropyl)ethe:	UJ	<	18.8	UG/L	07/03/14	8270DM	
Butylbenzylphthalate		<	18.8	UG/L	07/03/14	8270DM	
Chrysene		<	18.8	UG/L	07/03/14	8270DM	
Diethylphthalate		<	18.8	UG/L	07/03/14	8270DM	
Dimethylphthalate		<	18.8	UG/L	07/03/14	8270DM	
Fluoranthene		<	18.8	UG/L	07/03/14	8270DM	
Fluorene		<	18.8	UG/L	07/03/14	8270DM	
Hexachlorocyclopentadiene	UJ	<	18.8	UG/L	07/03/14	8270DM	
Hexachloroethane in water		<	18.8	UG/L	07/03/14	8270DM	
Indeno(123cd)pyrene		<	18.8	UG/L	07/03/14	8270DM	
Isophorone		<	18.8	UG/L	07/03/14	8270DM	
Nitrosodipropylamine		<	18.8	UG/L	07/03/14	8270DM	
Nitrosodiphenylamine		<	18.8	UG/L	07/03/14	8270DM	
Nitrobenzene		<	18.8	UG/L	07/03/14	8270DM	
p-Chloro-m-cresol		<	18.8	UG/L	07/03/14	8270DM	
Phenanthrene		<	18.8	UG/L	07/03/14	8270DM	
Pyrene		<	18.8	UG/L	07/03/14	8270DM	
Benzo(ghi)perylene		<	18.8	UG/L	07/03/14	8270DM	
Benzo(a)anthracene		<	18.8	UG/L	07/03/14	8270DM	
Dibenzo(ah)anthracene		<	18.8	UG/L	07/03/14	8270DM	
2-Chloronaphthalene		<	18.8	UG/L	07/03/14	8270DM	
2-Chlorophenol		<	18.8	UG/L	07/03/14	8270DM	
2-Nitrophenol		<	18.8	UG/L	07/03/14	8270DM	
Di-n-octylphthalate		<	18.8	UG/L	07/03/14	8270DM	

Sample Number: 538359
Project Code: SW-WE
Agency Number:
Date Collected: 6/26/2014
Time Collected: 1215
Date Received: 6/27/2014
Date Completed: 07/07/2014
Collected By: TD
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/7/2014

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-866-412-3057
or selsd@deq.ok.gov

Report of Analysis by GCMS

EPA Drinking Water Certification #OK00013

To: TODD DOWNHAM/LPD

CC: FILE COPY

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
2,4-Dichlorophenol	<	18.8	UG/L	07/03/14	8270DM	
2,4-Dimethylphenol	<	18.8	UG/L	07/03/14	8270DM	
2,4-Dinitrotoluene	<	18.8	UG/L	07/03/14	8270DM	
2,4-Dinitrophenol	<	18.8	UG/L	07/03/14	8270DM	
2,4,6-Trichlorophenol	<	18.8	UG/L	07/03/14	8270DM	
2,6-Dinitrotoluene	<	18.8	UG/L	07/03/14	8270DM	
3,3'-Dichlorobenzidine	<	18.8	UG/L	07/03/14	8270DM	
4-Bromophenylphenyl ether	<	18.8	UG/L	07/03/14	8270DM	
4-Chlorophenyl phenylether	<	18.8	UG/L	07/03/14	8270DM	
4-Nitrophenol	<	18.8	UG/L	07/03/14	8270DM	
4,6-Dinitro-o-cresol	<	18.8	UG/L	07/03/14	8270DM	
Phenol	<	18.8	UG/L	07/03/14	8270DM	
Naphthalene	<	18.8	UG/L	07/03/14	8270DM	
Pentachlorophenol	<	18.8	UG/L	07/03/14	8270DM	
Bis(2-ethylhexyl)phthalate	<	18.8	UG/L	07/03/14	8270DM	
Di-n-butylphthalate	<	18.8	UG/L	07/03/14	8270DM	
Hexachlorobenzene	<	18.8	UG/L	07/03/14	8270DM	
Hexachlorobutadiene	<	18.8	UG/L	07/03/14	8270DM	
Dibenzofuran	<	18.8	UG/L	07/03/14	8270DM	
2-Methylnaphthalene	<	18.8	UG/L	07/03/14	8270DM	
2-Methylphenol	<	18.8	UG/L	07/03/14	8270DM	
4-Methylphenol	<	18.8	UG/L	07/03/14	8270DM	
2,4,5-Trichlorophenol	<	18.8	UG/L	07/03/14	8270DM	
4-Chloroaniline	<	18.8	UG/L	07/03/14	8270DM	
2-Nitroaniline	<	18.8	UG/L	07/03/14	8270DM	
3-Nitroaniline	<	18.8	UG/L	07/03/14	8270DM	
4-Nitroaniline	<	18.8	UG/L	07/03/14	8270DM	
1,4-Dichlorobenzene	<	18.8	UG/L	07/03/14	8260BM	
1,2,4-Trichlorobenzene	<	18.8	UG/L	07/03/14	8260BM	

SURROGATE RECOVERIES	
COMPOUND	RECOVERY %
2-FLUOROPHENOL	41
2-FLUOROBIPHENYL	65

Sample Number: 538359
Project Code: SW-WE
Agency Number:
Date Collected: 6/26/2014
Time Collected: 1215
Date Received: 6/27/2014
Date Completed: 07/07/2014
Collected By: TD
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/7/2014

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-866-412-3057
or selsd@deq.ok.gov

Report of Analysis by GCMS

EPA Drinking Water Certification #OK00013

To: TODD DOWNHAM/LPD

CC: FILE COPY

SURROGATE RECOVERIES

COMPOUND	RECOVERY %
NITROBENZENE-D5	59
2,4,6-TRIBROMOPHENOL	76
P-TERPHENYL-D14	99
PHENOL-D5	28

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS

NA

Summary

Labs performing analysis on this Sample:

Metals GCMS

SOURCE: WILCOX

SAMPLERS COMMENTS:
(b) (6) WR-7

SAMPLE RECEIVING COMMENTS:
ICE; SAMPLE= 1.3

ANALYST`S COMMENTS:
Rachel M. Allen (8270DM).
(UJ) The material was analyzed for but was not detected at or above the reporting limit (RL). The associated value is an estimate and may be inaccurate or imprecise.

* * ANALYST

Sample Number: 538359
Project Code: SW-WE
Agency Number:
Date Collected: 6/26/2014
Time Collected: 1215
Date Received: 6/27/2014
Date Completed: 07/18/2014
Collected By: TD
PWS Id:
Location Code:
Station:
Facility:
Report Date: 7/18/2014

To: TODD DOWNHAM/LPD

CC: FILE COPY

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-866-412-3057
or selsd@deq.ok.gov

Report of Analysis by Metals

EPA Drinking Water Certification #OK00013

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Arsenic, Total	<	2.00	UG/L	07/16/14	200.8	200.8
Barium, Total		133	UG/L	07/16/14	200.8	200.8
Beryllium, Total	<	2.00	UG/L	07/16/14	200.8	200.8
Cadmium, Total	<	2.00	UG/L	07/16/14	200.8	200.8
Chromium, Total		8.70	UG/L	07/16/14	200.8	200.8
Copper, Total		6.90	UG/L	07/16/14	200.8	200.8
Lead, Total	<	5.00	UG/L	07/16/14	200.8	200.8
Thallium, Total	<	1.00	UG/L	07/16/14	200.8	200.8
Nickel, Total	<	10.0	UG/L	07/16/14	200.8	200.8
Silver, Total	<	10.0	UG/L	07/16/14	200.8	200.8
Zinc, Total		12.6	UG/L	07/16/14	200.8	200.8
Antimony, Total	<	2.00	UG/L	07/16/14	200.8	200.8
Selenium, Total	<	10.0	UG/L	07/16/14	200.8	200.8
Mercury, Total	<	0.05	UG/L	07/09/14	200.8	200.8

Summary

Labs performing analysis on this Sample:

Metals GCMS

SOURCE: WILCOX

SAMPLERS COMMENTS:
(b) (6) WR-7

SAMPLE RECEIVING COMMENTS:
ICE; SAMPLE= 1.3

ANALYST`S COMMENTS:

Greg Goode

* * ANALYST

Greg Goode
State Environmental Laboratory